

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): An information processing system, comprising:

a recording apparatus;

a personal computer configured to (1) directly access ~~the recording apparatus to set recording of a program by the recording apparatus by accessing~~ a remote program information providing server through the internet based on a user request directly input to the personal computer by the user to access obtain recording data for recording of a program from the remote program information providing server access and (2) to directly access the recording apparatus to set recording of the program by the recording apparatus based on the obtained recording data;

an information processing apparatus comprising:

control means including,

a user controlled mobile telephone or personal digital assistant for acquiring, without accessing the personal computer or the recording apparatus, control information for controlling preset recording of a program by accessing a remote program information providing server through the internet based on a user request to access the remote program information providing server, and

conversion means for converting contents described in said control information acquired by said mobile telephone or personal digital assistant into code information for setting said program preset recording to the recording apparatus, which is remote from the control means; and

transmission means for receiving said code information from said conversion means and for transmitting said code information obtained by said conversion means directly to said recording apparatus under control of said control means;

the recording apparatus receiving said code information from said transmission means, confirming whether said code information properly sets said program preset recording, and displaying whether said program preset recording is proper or improper.

Claim 2 (Previously Presented): An information processing apparatus according to claim 1, wherein said code information acquired by said acquisition means is G-code, information.

Claim 3 (Original): An information processing apparatus according to claim 1, wherein said transmission means transmits said code information to said recording apparatus by use of an infrared signal.

Claim 4 (Original): An information processing apparatus according to claim 1, wherein said control information includes broadcast channel information, broadcast date, broadcast start time, and recording end time of said program.

Claim 5 (Currently Amended): An information processing method for use in a system including a personal computer configured to (1) directly access ~~the recording apparatus to set recording of a program by the recording apparatus by accessing~~ a remote program information providing server through the internet based on a user request directly input to the personal computer by the user to access obtain recording data for recording of a program from the remote program information providing server and (2) to directly access the recording apparatus to set recording of the program by the recording apparatus based on the obtained recording data, an information processing apparatus, and a recording apparatus, comprising:

in a control device in the information processing apparatus,

under user control acquiring control information through a mobile telephone or personal digital assistant, without accessing the personal computer or the recording apparatus, for controlling preset recording of a program by accessing a remote program information providing server through the internet based on a user request to access the remote program information providing server, and

converting contents described in said control information acquired by said acquiring into code information for setting said program preset recording to the recording apparatus, which is remote and separate from the control device; and

transmitting said code information obtained by said converting directly to said recording apparatus under control of said control device;

in the recording apparatus, receiving said code information from said transmission means, confirming whether said code information properly sets said program preset recording, and displaying whether said program preset recording is proper or improper.

Claim 6 (Currently Amended): A program storage medium storing a computer-readable program for use in a system including a personal computer configured to (1) directly access ~~the recording apparatus to set recording of a program by the recording apparatus by~~ accessing a remote program information providing server through the internet based on a user request directly input to the personal computer by the user to access obtain recording data for recording of a program from the remote program information providing server and (2) to directly access the recording apparatus to set recording of the program by the recording apparatus based on the obtained recording data, an information processing apparatus, and a recording apparatus, said program storage medium comprising:

in a control device in the information processing apparatus,

under user control acquiring control information through a mobile telephone or personal digital assistant, without accessing the personal computer of the recording apparatus, for controlling preset recording of a program by accessing a program information providing server through the internet based on a user request to access the remote program information providing server, and

converting contents described in said control information acquired by said acquiring into code information for setting said program preset recording to the recording apparatus, which is remote and separate from the control device; and transmitting said code information obtained by said converting directly to said recording apparatus under control of said control device;

in the recording apparatus, receiving said code information from said transmission means, confirming whether said code information properly sets said program preset recording, and displaying whether said program preset recording is proper or improper.

Claim 7 (Currently Amended): An information processing system, comprising:
a recording apparatus;

a personal computer configured to (1) directly access ~~the recording apparatus to set recording of a program by the recording apparatus by accessing~~ a remote program information providing server through the internet based on a user request directly input to the personal computer by the user to access obtain recording data for recording of a program from the remote program information providing server and (2) to directly access the recording apparatus to set recording of the program by the recording apparatus based on the obtained recording data;

an information processing apparatus comprising:
a controller configured to,

under user control acquire control information through a mobile telephone or personal digital assistant, without accessing the personal computer or the recording apparatus, for controlling preset recording of a program by accessing a remote program information providing server through the internet based on a user request to access the remote program information providing server, and

convert contents described in said acquired control information into code information for setting said program preset recording to a remote recording apparatus separate from the controller; and

a transmitter configured to receive said code information from said controller and to transmit said received code information directly to said recording apparatus under control of said controller;

the recording apparatus receiving said code information from said transmission means, confirming whether said code information properly sets said program preset recording, and displaying whether said program preset recording is proper or improper.

Claim 8 (Previously Presented): An information processing apparatus according to claim 7, wherein said code information acquired by the controller is G-code information.

Claim 9 (Previously Presented): An information processing apparatus according to claim 7, wherein said transmitter transmits said code information to said recording apparatus by use of an infrared signal.

Claim 10 (Previously Presented): An information processing apparatus according to claim 7, wherein said control information includes broadcast channel information, broadcast date, broadcast start time, and recording end time of said program.